

avast! 4 Server Edition is the most powerful protection available to fight virus infections of your Windows-based server or servers. It works both as a classic protection of file-servers and, via its optional plug-ins - such as avast! 4 SMTP server edition - as a protection of various subsystems running on the server, including electronic mail, firewall/proxy etc.

The SMTP Server Edition works as a plug-in to the Microsoft SMTP Service (part of the IIS). It can be deployed on a machine that acts as a universal gateway (or border server) for scanning purposes only - no matter which mail server you actually use.

Additionally, as it works as a plug-in for avast! Server Edition, it of course uses the same high-performance, award-winning, ICSCA-certified engine as the Server Edition itself, providing you with maximum protection.

This product is also internally used by a related product, avast! Exchange Server Edition. Meaning that avast! SMTP Server Edition is an integral part of avast! Exchange Server Edition, and is used to scan all SMTP traffic on Exchange servers.

Real-time scanning

The primary goal of avast! SMTP Server Edition is to effectively filter all SMTP traffic. It has been shown many times in the past that SMTP is by far the most common source of infections on a computer, so an antivirus solution deployed on SMTP servers (or SMTP gateways) is a necessity rather than an option. By keeping the code as small as possible, our solution features outstanding performance and robustness, combined with a very small memory footprint.

Integration with the IIS

Thanks to a tight integration with the Windows SMTP Service (part of the Windows Internet Information Services - IIS), avast! is able to detect and remove viruses from both inbound and outbound messages, always before they reach their recipients. This is done by connecting to the SMTP Service and synchronously screening all messages before they're allowed to proceed to the delivery queue. Therefore guaranteeing that no message will slip through untested.

Intelligent Actions

avast! SMTP Server Edition offers a wide variety of automatic actions that can operate whenever a virus is found. Separate rules can be specified for

inbound and outbound traffic, and also for untestable (e.g. encrypted) messages. avast! is also able to change the message body/headers by adding information about the infection status of the message (this feature can be activated for both infected and clean messages).

Attachment Blocking

avast! SMTP Server Edition also contains a simple attachment blocker. You can specify file name masks (such as *.pif or Love*.vbs) of attachments that will be stripped from all inbound and outbound messages. This is a very simple yet extremely powerful weapon to effectively fight against a number of both known and yet-unknown malware.

Alerting and Logging

As with any server-side software, it is very important to provide an effective means of monitoring. For this purpose, avast! offers a wide range of analysis possibilities. These include, thorough notification capabilities via e-mail and avast's built-in Notification Manager (that supports a number of other transport protocols), rich logging features, and performance counters.

The e-mail notifications are „intelligent“ by means of predefined limits (to avoid flooding of the server with avast's own messages), and also in the fact that they are only being sent to respective message senders if these are really the originators of the infected mail (i.e. if the From: fields of the message have not been forged).

Automatic Updates

The SMTP Server Edition uses the identical updating modules as the avast! Server Edition itself, resulting in unparalleled speed and size of updates. The updates can be either installed automatically by the updater, or manually. It is also possible to set the system up so that the updater first asks the administrator prior to installing any updates.

The Exchange module also recognizes the avast! PUSH iAVS messages. Therefore, the avast's unique PUSH iAVS feature is fully compatible with the SMTP Server Edition, with no additional modifications of settings required.

Main Features

Antivirus Kernel

Almost 100% detection with outstanding performance
ICSCA certified
High-performance, award-winning kernel

Updates

Updates can be completely automatic
Unparalleled speed and size of updates
Compatible with avast's unique PUSH iAVS messages

Other

Effectively filters all SMTP traffic
Built-in Notification manager
Rich logging features and performance counters
Simple attachment blocker
Intelligent, automatic actions
Tight integration with the Windows SMTP Service

Minimum System Requirements

FOR A COMPUTER WITH WINDOWS SERVER 2000/2003

- PC Pentium
- 128 MB RAM
- 50 MB of free hard disk space

- Functional MS SMTP Service (part of the IIS)